Main Parameter Specification

Pixel Pitch for IR Series:
320x160mm module size: P2.5/P3.076/P3.33/P4/P5/P6.67/P8/P10
160x160mm module size: P2.5
192x192mm module size: P3/P6
200x200mm module size: P3.33/P3.84
256x128mm module size: P4/P8

For ATOP-IR series, the cabinet size can be customized, bellow parameter only according to the standard size 960x960mm.

ITEM	P3-IR	P6-IR	P3.33-IR	P4-IR	P5-IR	P6.67-IR	P8-IR	P10-IR
Pixel Pitch(mm)	3	6	3.33	4	5	6.67	8	10
LED Encapsulation	SMD1921	SMD3535	SMD1921	SMD1921	SMD1921	SMD3535	SMD3535	SMD3535
Pixel Density (dot/m²)	111111	27778	90180	62500	40000	22477	15625	10000
Module Size<WxH>(mm)	192x192		320x160					
Module Resolution(pixels)	64x64	32x32	96x48	80x40	64x32	48x24	40x20	32x16
Panel Size<WxH>(mm)	960x960							
Weight(kg/pcs)	34.0	34.0	34.0	34	34	34.0	34.0	34.0
Optimum Viewing Angle	H:160° V:140°							
Option Distance(m)	>4	>4	>4	>4	>5	>6	>8	>10
Input Voltage	110-220VAC±10%							
Max. Power Consumption(w/m²)	1000	900	1000	900	900	900	900	900
AVE. Power Consumption(w/m²)	500	500	500	450	450	450	450	450
Brightness(cd/m²)	5500-6000	6000-6500	5500-6000	5500-6000	5500-6000	6000	6000	6500
Refresh Frequency (Hz)	>1920-3840	>1920-3840	>1920-3840	>1920-3840	>1920-3840	>960-3840	>960-3840	>960-3840
Frame Frequency(Hz)	60							
Grayscale (bit)	14							
Operating Temperature/Humidity(°C/RH)	-20°Cto +50°C/20%to90%							

Outdoor Fixed Led Display

ATOP-IR Series

- 960*960mm Standard size Iron Cabinet
- Cabinet size and materials also can be customized
- Best Color Uniformity and High Brightness
- Stable led lamp, high quality, low lighting decay, energy saving
- IP65 waterproof





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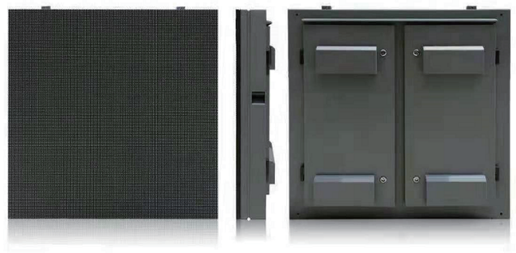
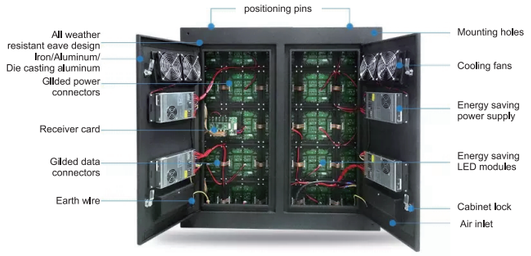
Shenzhen ATOP Led Opto Electronic Co., Limited

ATOP-IR Series

Cabinet Details

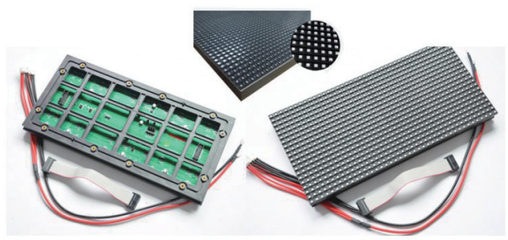
1.Standard iron cabinet size 960mmx960mm, cabinet size also can be customized
2.Stronger design, not easier to be deformation
3. Power supply &receiving card positions
4. Built-in sending card and built-in mini player are available
5. Logo printing on surface is available
6. High cost performance, compared with die-casting aluminum and magnesium cabinet, it can save 70 dollars per square meter.





SMD LED with Best Color Uniformity and High Brightness

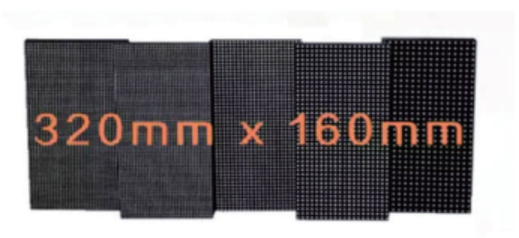
The Outdoor LEDs we choose best driving IC that have the high reliability and contrast, wide view angle and good consistency which meet the need of high brightness, high refresh rate, high gray scale and keep natural color at one time with best color uniformity.



320mmX160mm Standard Size LED Module

Standard size panel: 320*160mm.

Pay more attention to the standard led screen display performance, the quick assembling and maintenance. And it is easy to upgrade and replacement, the cabinet is adapted to P2.5~10mm led modules, no need to change the cabinet for upgrade, saving labor cost and cabinet cost.

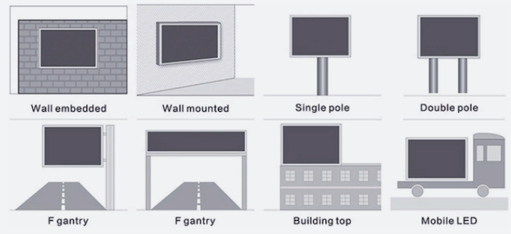


IP65 Protection Level

The LED display is designed for all-weather use in outdoor environments. With ATOP's unique protection technology, the display is rated IP65 and can operate normally in any weather condition. The high protection grade of IP65 ensures durability, reliability, anti-ultraviolet properties, and stability. The high-standard sealing protection ensures the LED display cabinet is dustproof, waterproof, and corrosion-resistant.







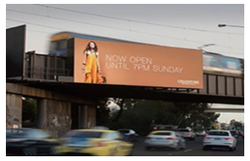
Installation methods

ATOP IR960 Series outdoor led display can be fixed on the wall, on the street, on top of building, or be hung for rental to meet the request of live broadcast, live meeting, banquet, party, etc., to display the content what you want.

Application



Installed on Single Pole



Installed on the Railway Bridge



Wall mounted installed on the Airport Hotel Building



Installed on Traffic Signs



Double Pole installation on Stadium



Shopping Mall Entrance steel structure stacking installation



Embedded installation in the Building



Stacking installed on road sides



Installed bu the Swimming Pool



Installed on Truck